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| ITP No: | R44 (Ed 6 / Rev 0) | Process: | Earthworks – QA  (Cut only, no foundation treatments designed) | Project: | Sydney Rd / Common St RAB, Goulburn | Job No: | CN718 |
| **Lot No:** |  | **Location:** |  | **Chainage:** | **\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_** | **Layer/ID:** |  |
| ***I, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for Cleary Bros, hereby certify that this lot conforms in all***  ***(insert name) (insert role)***  ***respects with the Contract Drawings, Specification, standards and requirements specified for the project as noted above.*** | | | | | | **Date Raised:** |  |
| **Date Closed:** |  |

| **Item No** | **Activity** | **Spec / Doc Ref.** | **Inspection Requirement** | **Acceptance Criteria** | **Frequency** | **H / W** | **Inspection/ Test Type** | **Verification Ref.**  **(Record, Test Report, HPR, NCR, etc)** | **Verified by** | **Verification Signature** |
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| 1 | Implement & monitor ERSED controls | R44.1.8, G38.3.1,  G38.2.2.2 | Submission of an ESCP(s)  Submit written advice that the ESCP controls have been implemented or the date they will be implemented. | ESCP requirements listed in G38 Cl2.2.2. | ≥10 work days prior earthworks  ≥5 work days prior earthworks,  each section | H  W | Submission  Submission & inspection | HPR, ESCPs  WPR | Project Mgr (PM) / Project Eng’r (PE) | Sign: ………………  Date: ……………… |
| 2 | Existing utility locating & NDD potholing | R44.1.5.1 (n) | Check service locating & marking, and NDD potholing of existing utilities is completed | Controls to protect utilities during earthworks in place | Prior earthworks, each section |  | Visual |  | PM / PE / Supervisor (S) | Sign: ………………  Date: ……………… |
| 3 | Setout earthworks extents | R44.1.6.2 | Setout by marking on the ground the earthworks limits |  | Prior earthworks, each section |  | Survey | Photo of marking in place | PM / PE / S / Surveyor | Sign: ………………  Date: ……………… |
| 4 | Removal of topsoil | R44.2.5.1 | Check topsoil removed & stockpiled correctly | Strip full depth of topsoil in earthworks areas.  Stockpile for use in revegetation. | each section |  | Visual | Photo | PM / PE / S | Sign: ………………  Date: ……………… |
| 5 | Test pits to verify CBR10 day & PI of subgrade & insitu SMZ | C-0604.00 R1 Table6  RNB-241  R44/A2.2  R44/L.1 | Check CBR & PI samples completed from test pits | CBR: Subgrade ≥3%, Insitu SMZlower ≥ 15%,  Insitu SMZupper ≥ 30%  PI≤25% (no insitu SMZ)  PI≤15% (insitu SMZ)  SMZ: Max particle dim: 53mm, >50% passing 19mm sieve, >30% passing 2.36mm sieve | 1 / 1000m2  1 / 1000m2  1 / 1000m2  1 / 1000m2  1 / 1000m2  Each Lot  Each Lot  Each Lot |  | T117  T109  Inspection / T280(if req’ed)  T106 | CBR, PI, max particle, T106 test reports  Note: Report P20009-1 (in D&N Geotechnical report C-0604.00) indicates the ex pvmnt material at BH01 has CBR10 day of 40% per T117) | PM / PE | Sign: ………………  Date: ……………… |
| 6 | Excavate to design levels and profiles | R44.3.2,  R44/A2.2  C-0604.00 R1 Table6  RNB-241,  Pavement Design Approval - STH18 00222  Tbl R44.8 | Check excavated to Design Floor Level (DFL).  Check CBR & PI tests completed.  Present floor for inspection. | Where at Top of Formation (DSL-330mm), there is ≥300mm existing Sydney Rd pavement, SMZ comprises existing pavement left in-situ, therefore DFL is DSL-330mm.  Where no existing pavement, DFL is DSL-630mm (& a 300mm SMZ to be provided).  Level tolerance:  +10/-40mm (no insitu SMZ), or  +0/-20mm (insitu SMZ) | each section | H | Survey, Test & Inspection | HPR, DFL Level conformance report | PM / PE | Sign: ………………  Date: ……………… |
| 7 | Proof roll DFL | R44.7.5,  R44/L.1 | Notify Council of proof roll (WP) | Not exhibit visible deformation, rutting, yielding or show signs of distress / instability | ≤1 work day of proof roll | W | T198 | WPR, proof roll (T198) report | PM / PE | Sign: ………………  Date: ……………… |
| 8 | Unsuitable Material (if any) | R44.2.6,  R44.5.2.1  R44.7.5,  Tbl R44.7  R44/A5  R44/L.1 | Where unsuitable material indicated by:  - inspection in item 5,  - CBR / PI testing, or  - proof roll,  excavate unsuitable to the extent directed by the Principal.  Notify when unsuitable removed to the extent directed (Hold Point).  Replace w/ compacted Earth Fill or (if directed) Foundation treatments | Min Rel Comp: 98%  Moisture: 60-90% of OMC | each section of unsuitable material | H | Inspection  Refer R44/L.1  Refer R44/L.1 | HPR, compaction & MC (if replaced by compactible material) report, Survey reports (before & after) | PM / PE | Sign: ………………  Date: ……………… |
| 9 | Site won SMZ material (for placement where no insitu SMZ) | R44.2.8.5.1  R44.6.1.2  R44/A2.2  R44/L.1  C-0604.00 R1 Table6  RNB-241, | Submit test reports verifying conformity of each site won SMZ material stockpile | CBR10 day (per RNB-241)  - Upper layer: ≥30%  - Lower layer: ≥15%  Plasticity Index: ≤15%  Max particle dim: 53mm  >50% passing 19mm sieve, >30% passing 2.36mm sieve | Prior SMZ placement,  Each Lot  Each Lot  Each Lot  Each Lot  Each Lot | H | T117  T109  Inspection / T280(if req’ed)  T106 | HPR, CBR, PI, PSD test reports  Note: Report P20009-1 (in D&N Geotechnical report C-0604.00) indicates the ex pvmnt material at BH01 has CBR10 day of 40% per T117) | PM / PE | Sign: ………………  Date: ……………… |
| 10 | Placed site won SMZ Layer (for placement where no insitu SMZ) | R44.6.1.2  Tbl R44.7  R44.7.5,  R44.7.7.1  R44/A5  R44/L.1  C-0604.00 R1 Table6  RNB-241,  Pavement Design Approval - STH18 00222 | Notify Council of proof roll (WP)  Submit verification of conformity of SMZ, with test reports & survey conf reports.  Check level, compaction, appearance, proof roll results conform. | Level upper: +0/-20mm  Levellower: +10/-40mm  Thickness upper: 150mm  Thickness lower: 150mm  Compaction: 102%  MC: 60-90% of OMC  Appearance: homogenous & free from segregated stone or excess fines.  Proof roll: Not exhibit visible deformation, rutting, yielding or show distress/instability | ≤1 work day of proof roll  Prior covering SMZ  Survey & geotech testing refer R44/L.1 | W  H | Survey  Survey  Survey  Survey  T166, T173  T120/T121  Visual  T198 | WPR, HPR, Comp & MC test report, proof roll report, survey thickness & level conformance report | PM / PE | Sign: ………………  Date: ……………… |
| 11 | Submission – Closed ITP w/ material & test reports, survey records |  | Submit closed ITP to Council. | Complete submission to Council | At completion |  | Submission | This closed ITP & associated records | PM / PE | Sign: ………………  Date: ……………… |

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| ***The lot verification records are complete and attached with all non-conformances and RFI’s closed out.*** | | | | |
| **Lot Complete / Records available:** | |  | **Lot Approved for Closure:** | |
| **Name:** |  |  | **Name**: |  |
| **Signed:** |  |  | **Signed:** |  |
| **Title:** |  |  | **Title:** |  |
| **Date:** |  |  | **Date:** |  |